



Series 3070-HI

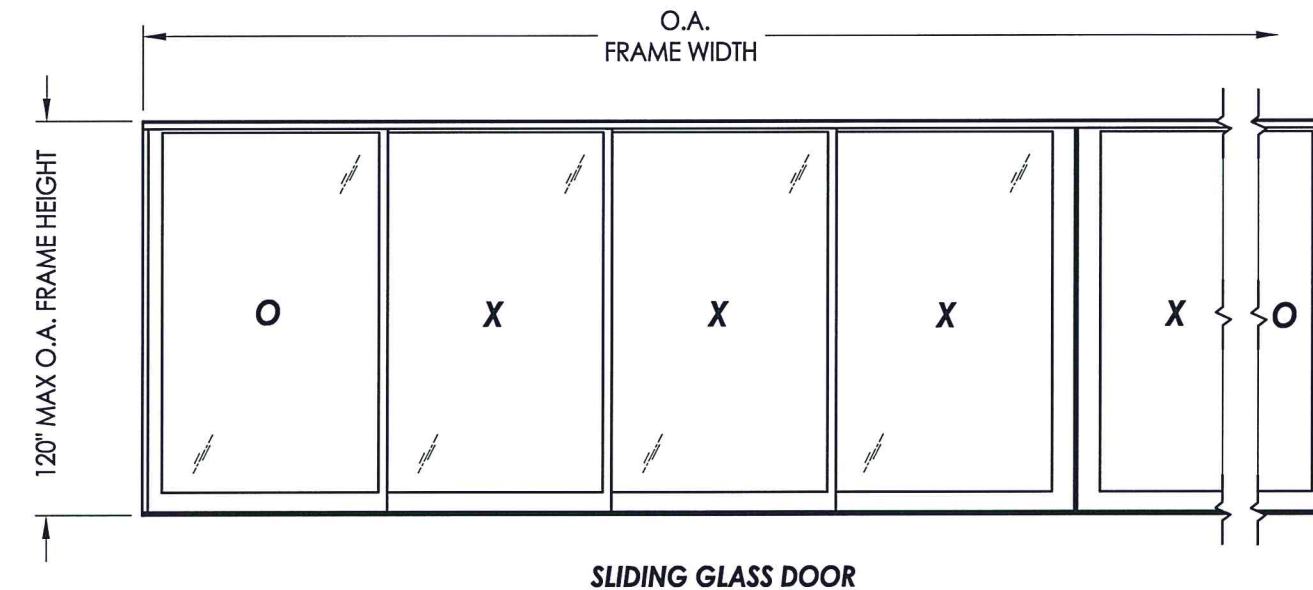
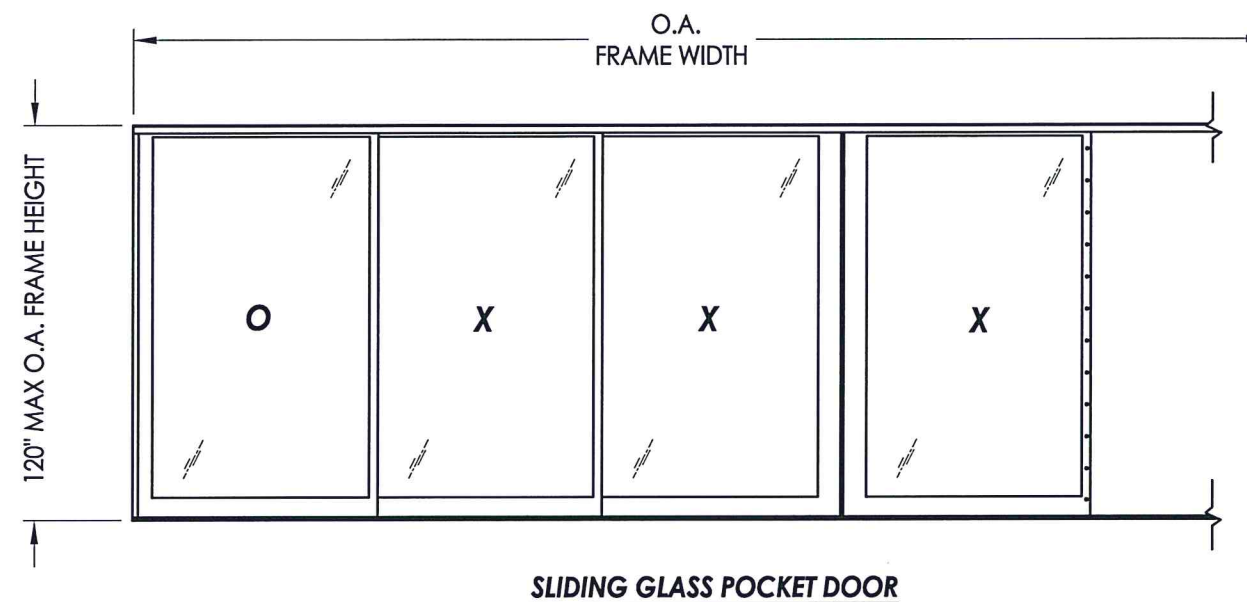
Sliding Glass / Pocket Door

"NON-IMPACT"

GENERAL NOTES

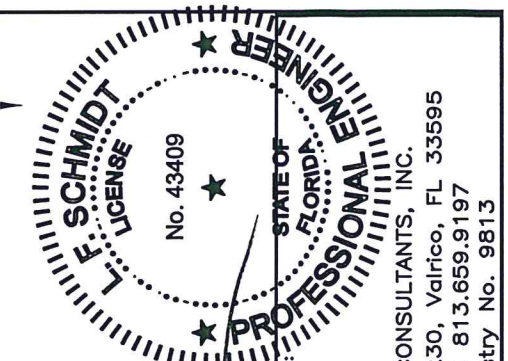
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross sections
3	Horizontal cross sections
4	Vertical cross sections
5	Buck anchoring
6	Frame anchoring
7	Frame anchoring
8	Components
9	Bill of materials and glazing details



MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
51.12" X 118.25"	43.0" X 111.5"	G1	+55.0	-60.0
60.75" X 98.25"	52.63" X 91.5"	G1	+55.0	-60.0
60.75" X 94.25"	52.63" X 87.5"	G1	+65.0	-73.2

Note: Sliding Glass Pocket Door (3+1 Panels shown), Sliding Glass Door (4 Track shown)
 Any combination of fixed and operable panels is allowed.
 There is not a limit on the number of panels.



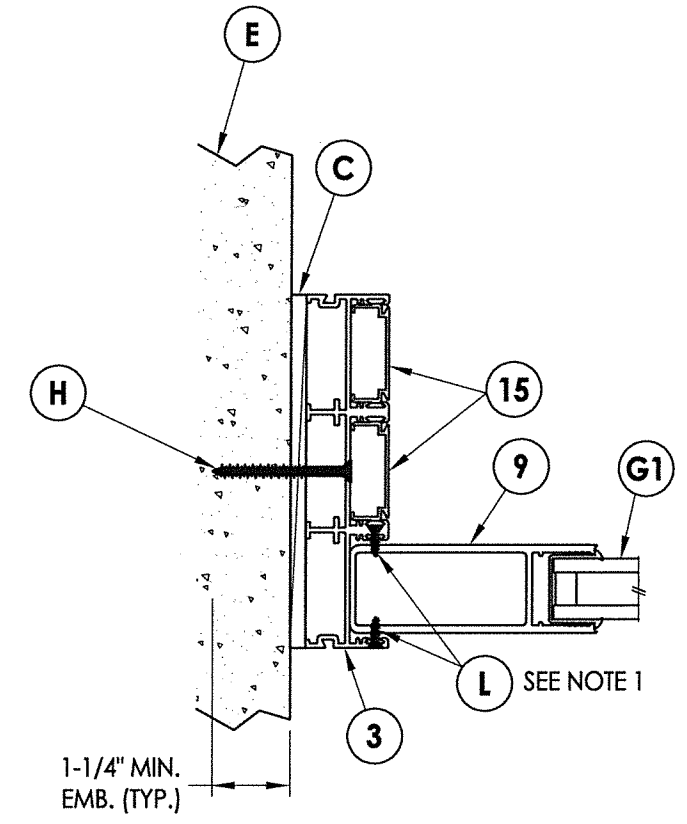
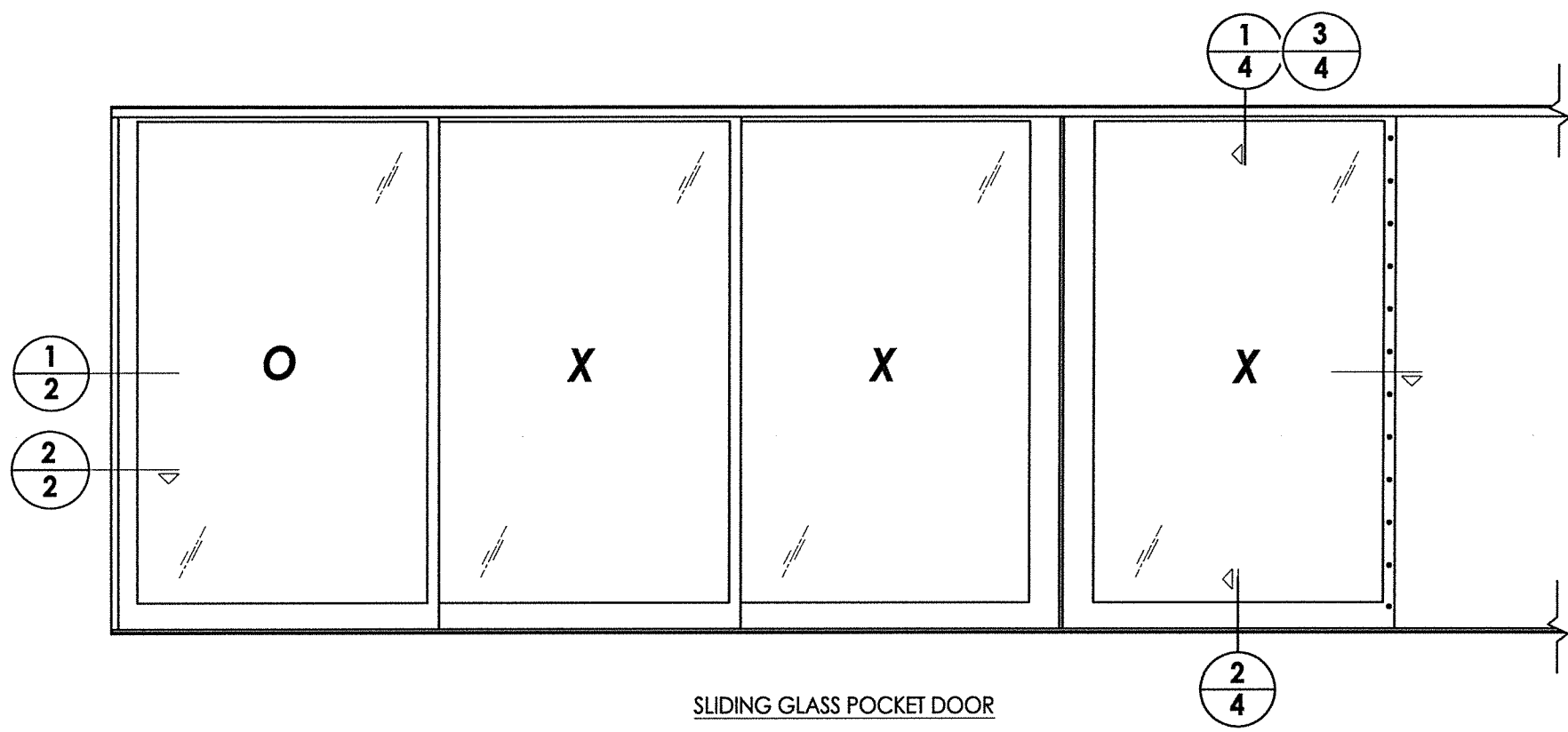
August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

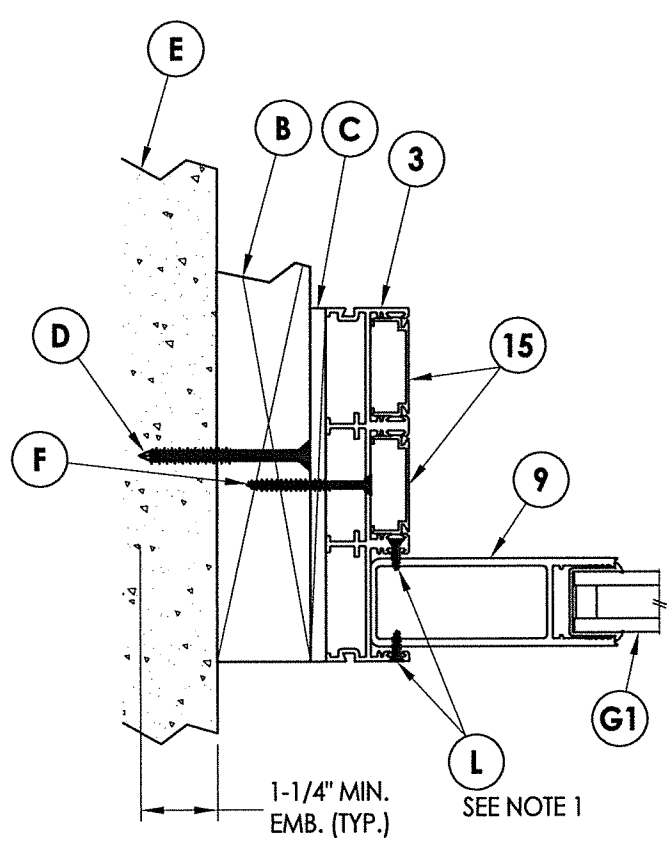
PRODUCT:	FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
DATE	NO.	BY
8/10/20	4	DAC
UPDATE TO 7TH ED. (2020) FBC		FBC
08/08/17	3	LFS
UPDATE TO 6TH ED. (2017) FBC		FBC
8/06/15	2	JK
CLARIFY MAX PANEL SIZE & CHANGE NAME		JK
04/22/15	1	BY
UPDATE TO 5TH ED. (2014) FBC		FBC
REVISIONS		
DATE:	3/20/14	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-15560.8	
SHEET	1	OF 9

\\dc01\ywb\clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL-15560 (2020)\FL-15560.8-10.dwg

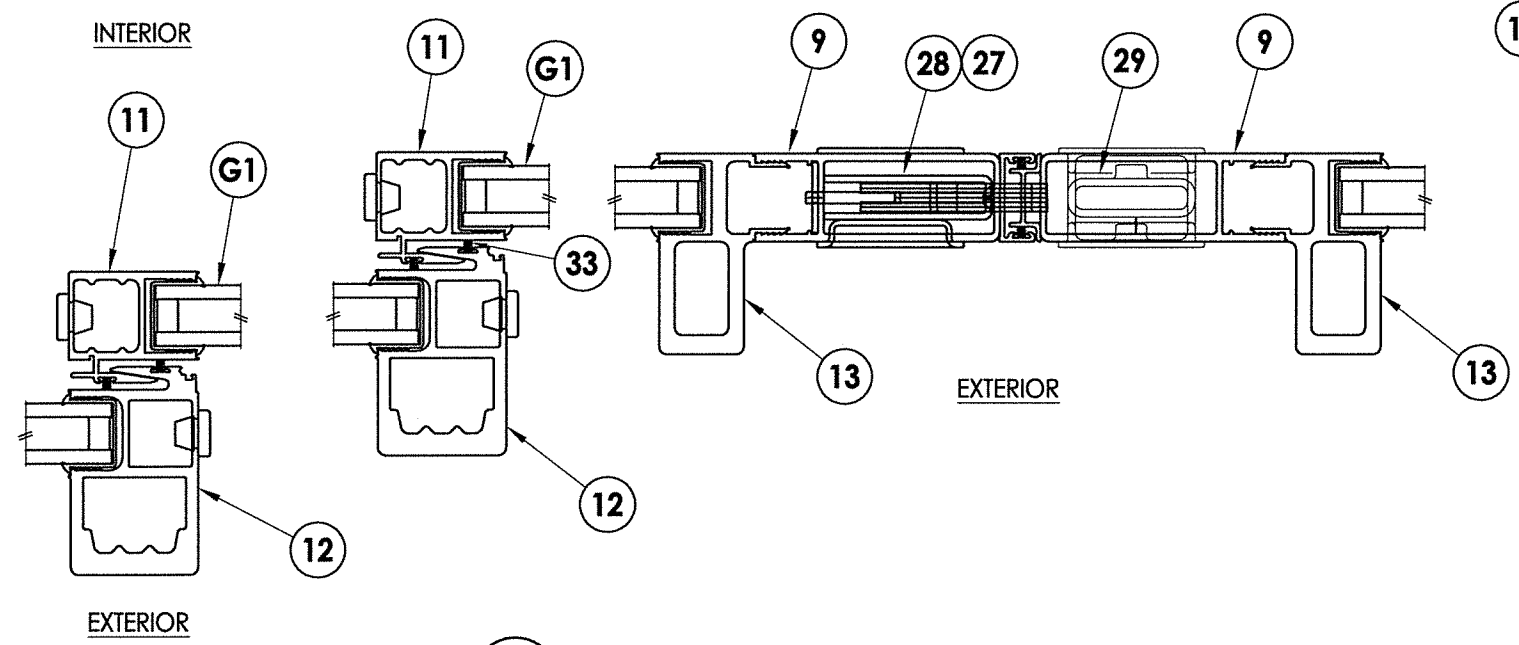
\\dc01\wbc\Clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 Sliding Patio Doors\FL-15560.8-10.dwg



2 HORIZONTAL CROSS SECTION
2 Direct to masonry



1 HORIZONTAL CROSS SECTION
2 2X Buck Construction

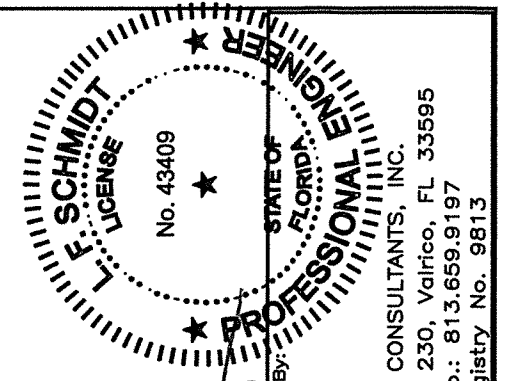


1.25" MIN EDGE DISTANCE

K CONCRETE (1-1/4" MIN. EMB.)

P WOOD (1-1/2" MIN. EMB.)

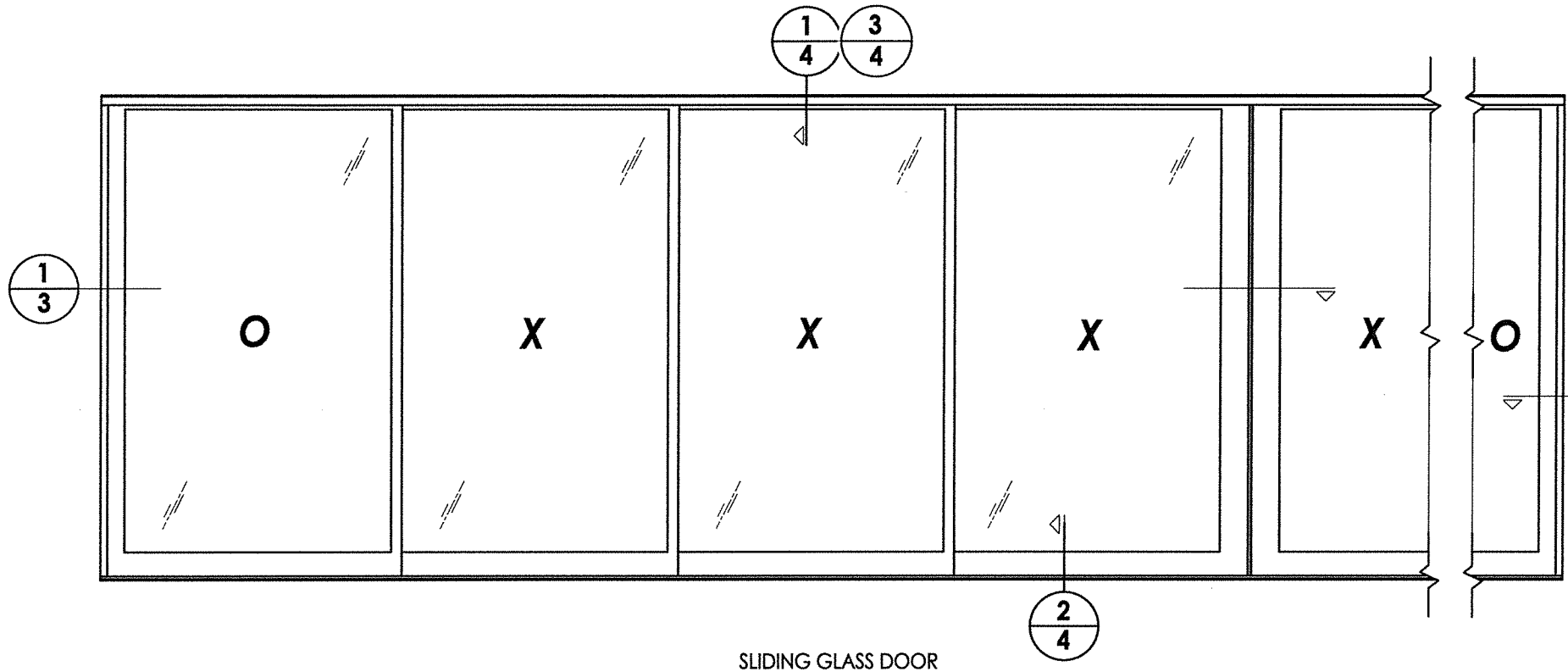
NOTE:
1. Fixed panel screws located 39" from each end.



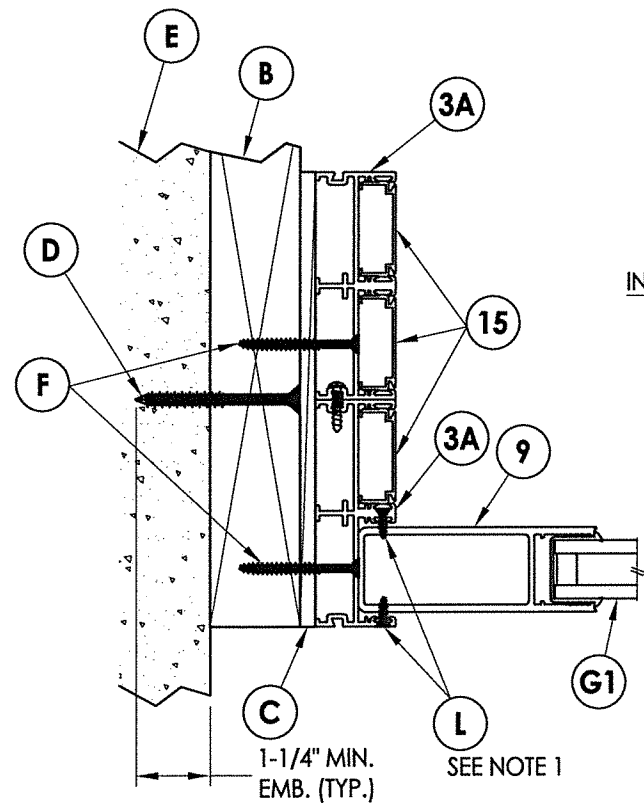
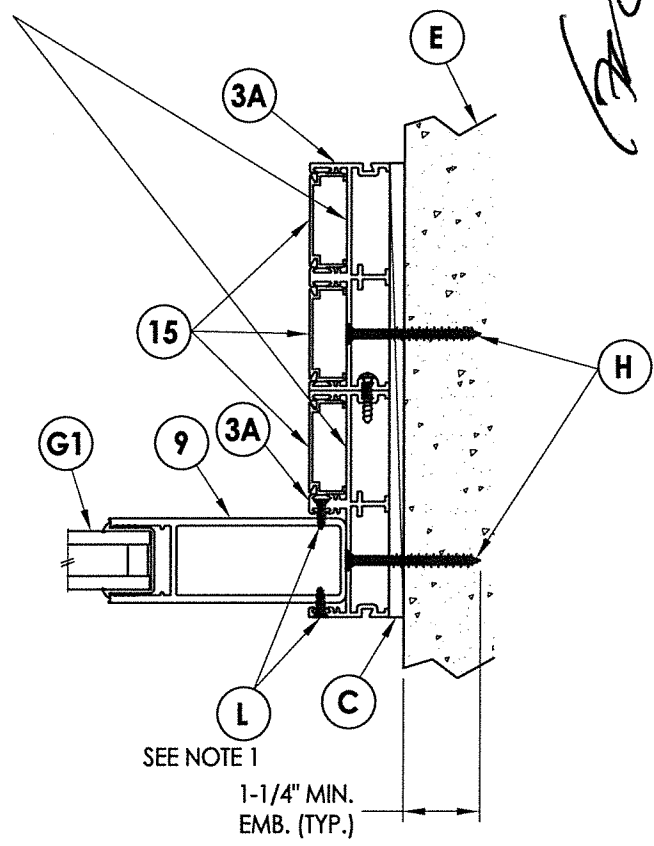
August 10, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

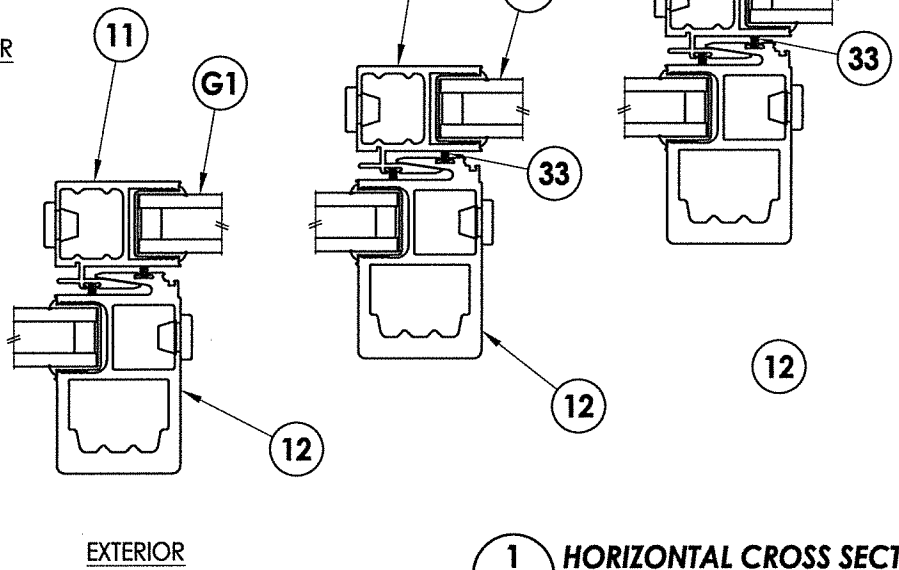
PRODUCT:		FLEETWOOD WINDOWS & DOORS			
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS			
NO.	DATE	REVISIONS	BY	DATE	
4	8/10/20	UPDATE TO 7th ED. (2020) FBC	DAC		
3	08/08/17	UPDATE TO 6TH ED. (2017) FBC	LFS		
2	8/06/15	CLARIFY MAX. PANEL SIZE & CHANGE NAME	JK		
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK		
DATE: 3/20/14					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15560.8					
SHEET 2 OF 9					



Each track must be independently anchored as per the frame anchoring (see Sheets 6 & 7). Maintain 4" min clearance between concrete anchors.

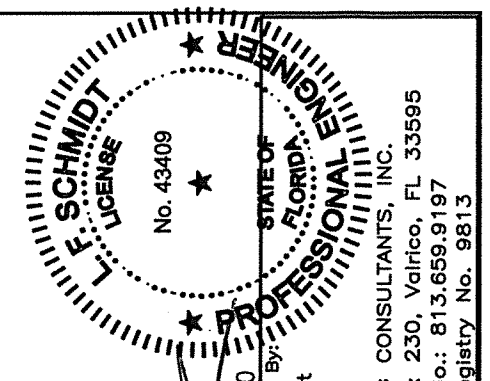


INTERIOR



EXTERIOR

NOTE:
1. Fixed panel screws located 39" from each end.

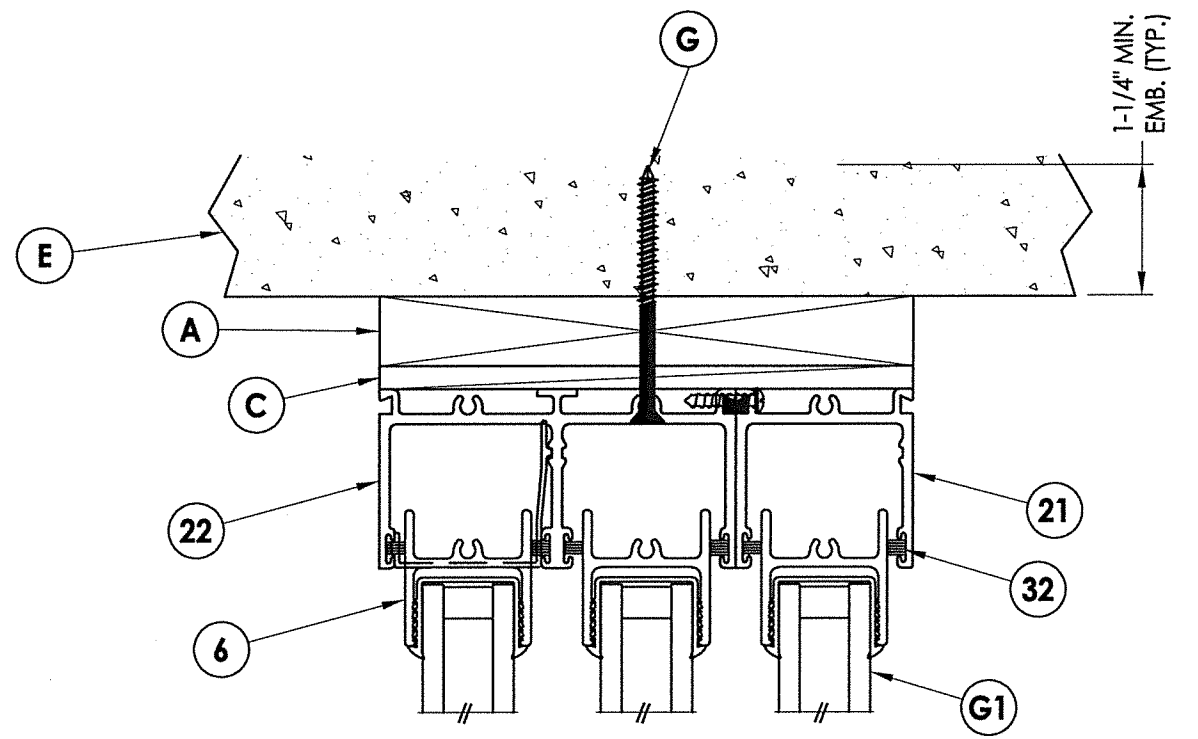


August 10, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

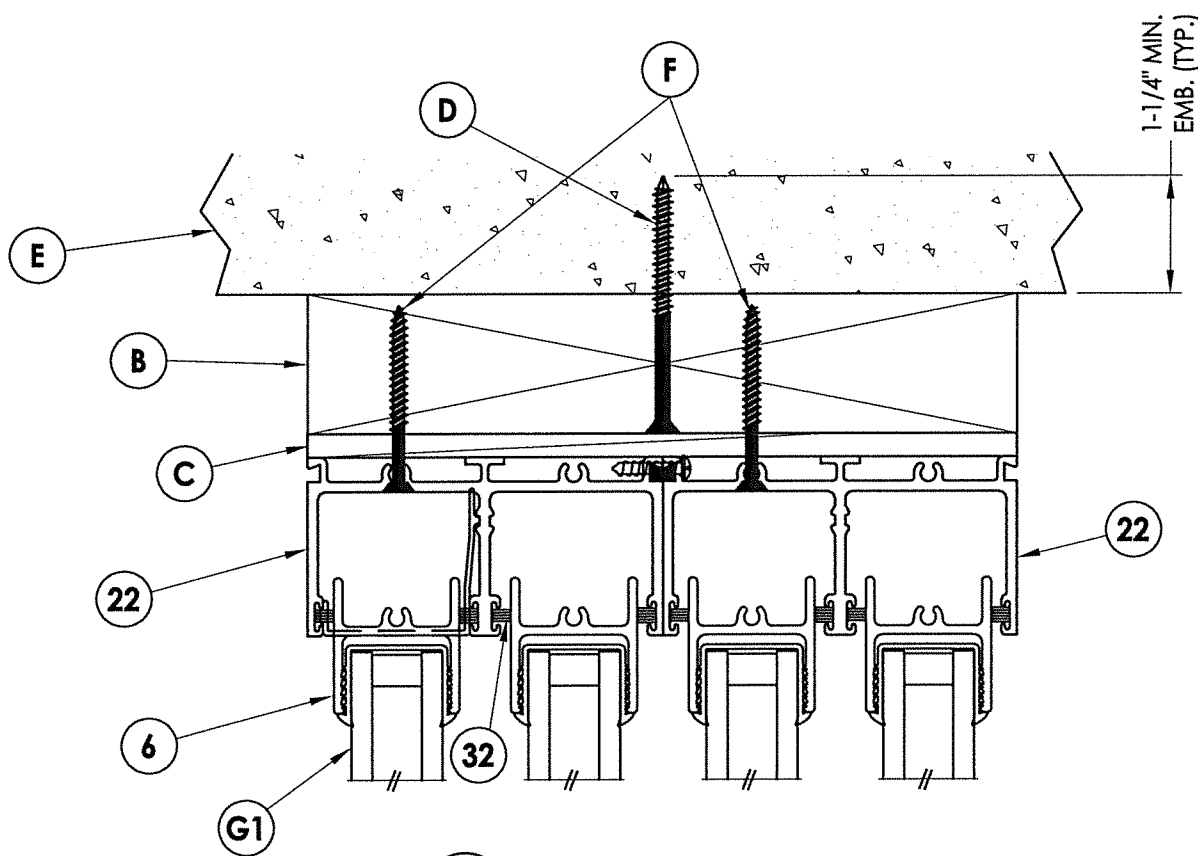
PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	
4	8/10/20	UPDATE TO 7th ED. (2020) FBC	DAC
3	08/08/17	UPDATE TO 6th ED. (2017) FBC	LFS
2	8/06/15	CLARIFY MAX PANEL SIZE & CHANGE NAME	JK
1	04/22/15	UPDATE TO 5th ED. (2014) FBC	JK
			BY

DATE: 3/20/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15560.8
SHEET 3 OF 9

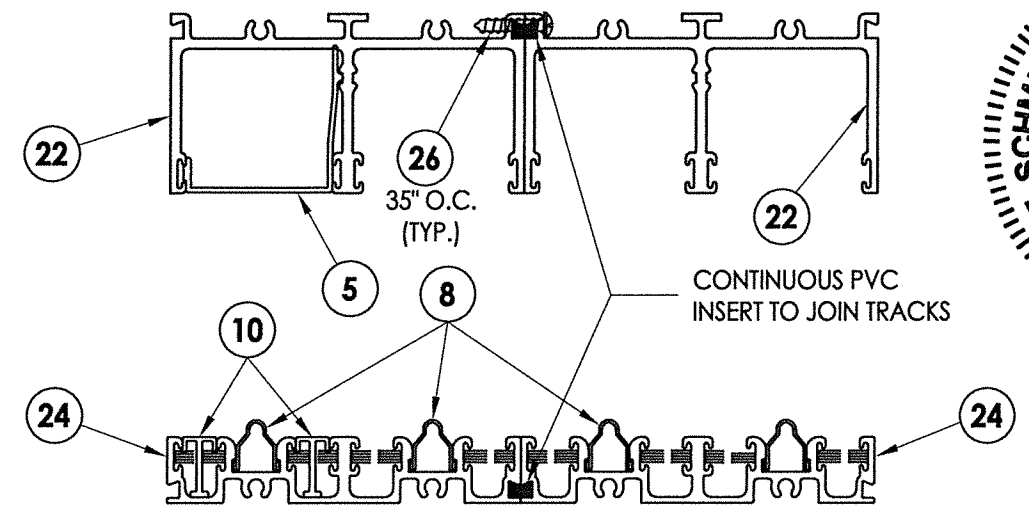
\\dc01\whc\Clients\Fleetwood PERMANENT.A - Florida Product Approvals\EL-15560 Sliding Patio Doors\C - Drawings\EL_15560(2020)\FI_15560.8-10.dwg



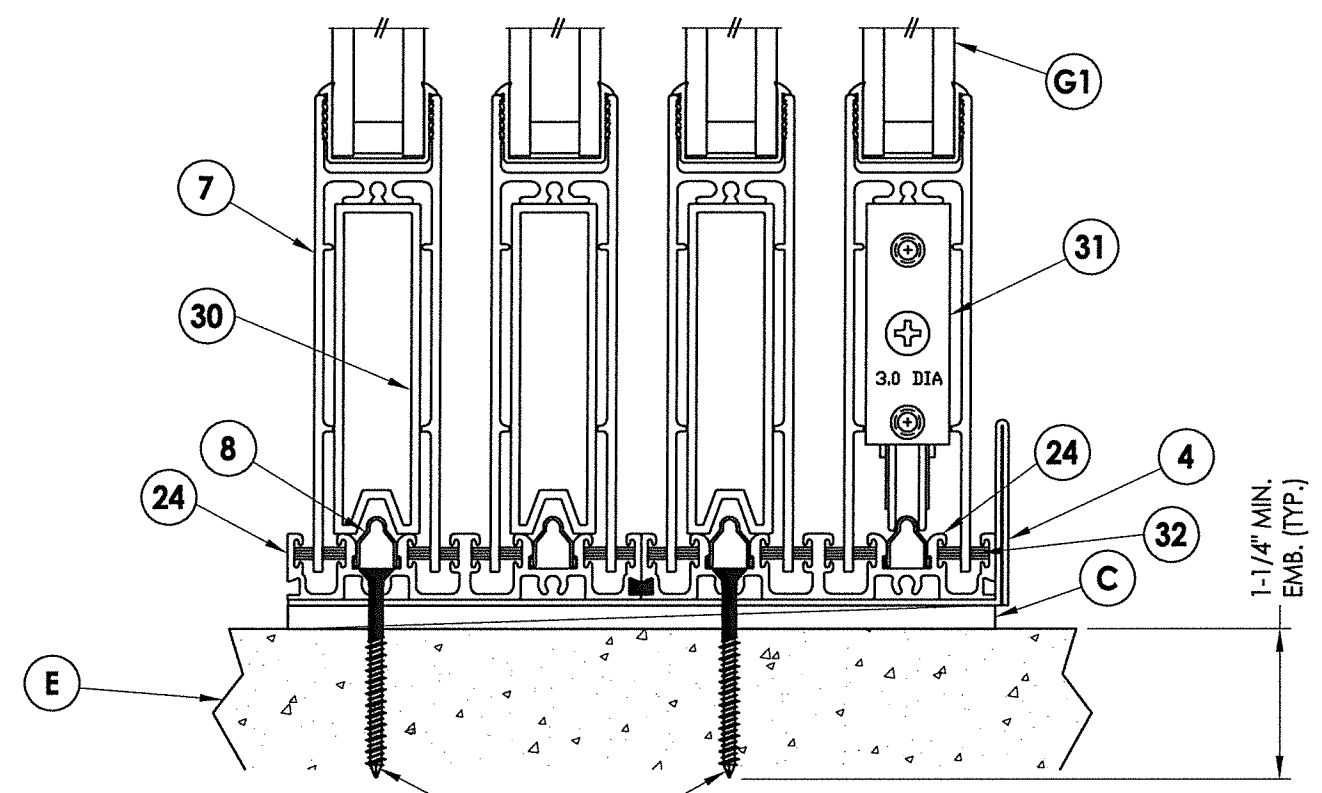
1 VERTICAL CROSS SECTION
4 1X Buck Construction
 (Shown w/ 3 tracks)



3 VERTICAL CROSS SECTION
4 2X Buck Construction
 (Shown w/ 4 tracks)



HEAD & SILL COVER CONDITION



2 VERTICAL CROSS SECTION
4 Direct to masonry
 (Shown w/ 4 tracks)

NOTE:
 1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).

August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

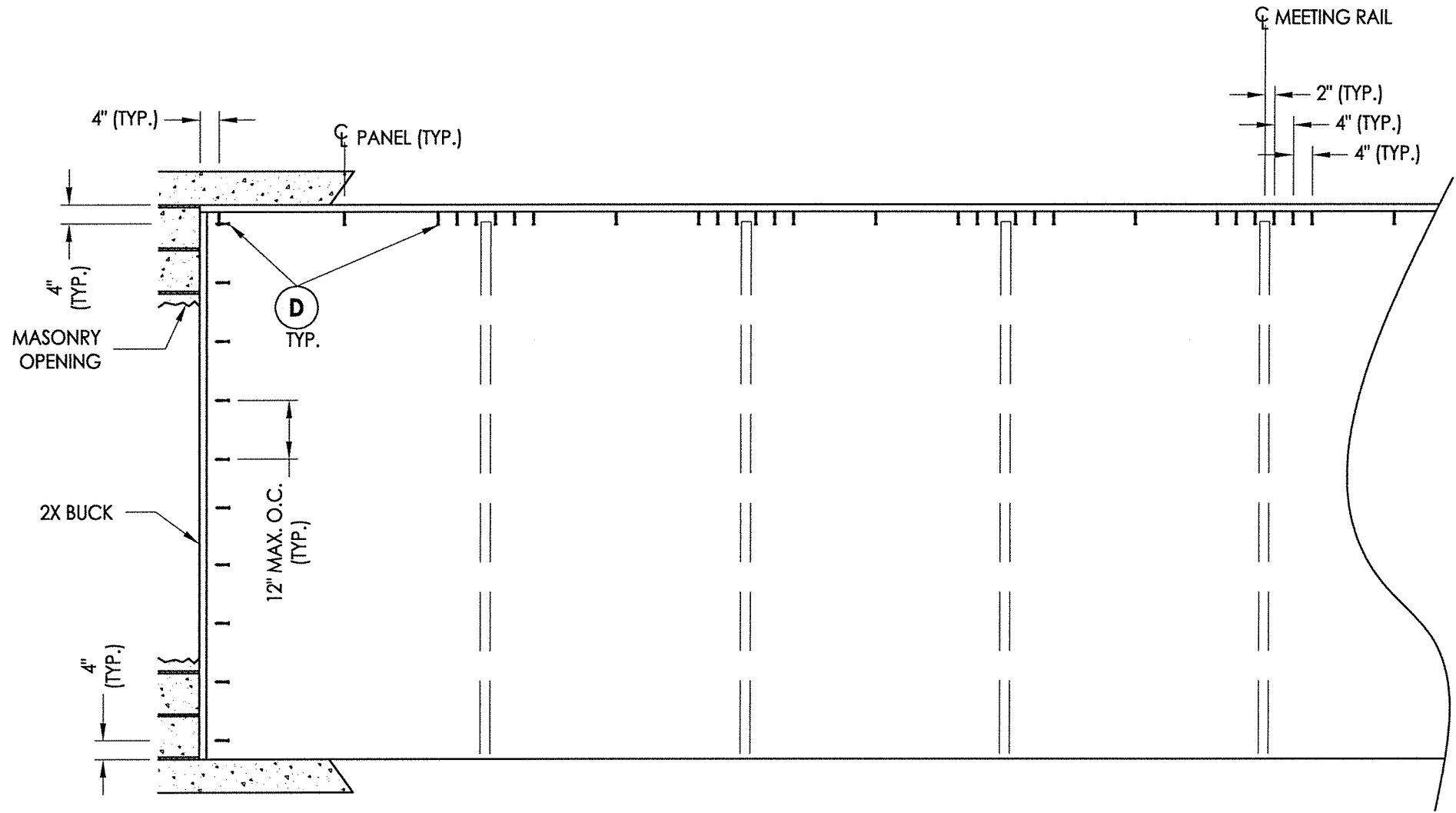
E. SCHMIDT
 LICENSE
 No. 43409
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
NO.	DATE	REVISIONS	
4	8/10/20	UPDATE TO 7th ED. (2020)	FBC DAC
3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC LFS
2	8/06/15	CLARIFY MAX PANEL SIZE & CHANGE NAME	JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC JK
			BY

DATE:	3/20/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15560.8
SHEET	4 OF 9

\\dc01\rbw\clients\Fleetwood PERMANENTA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.8-10.dwg

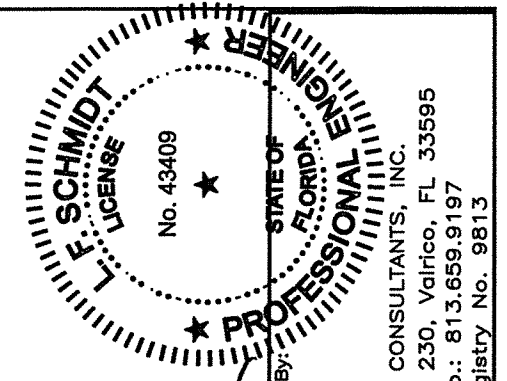


2X BUCK ANCHORING

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"



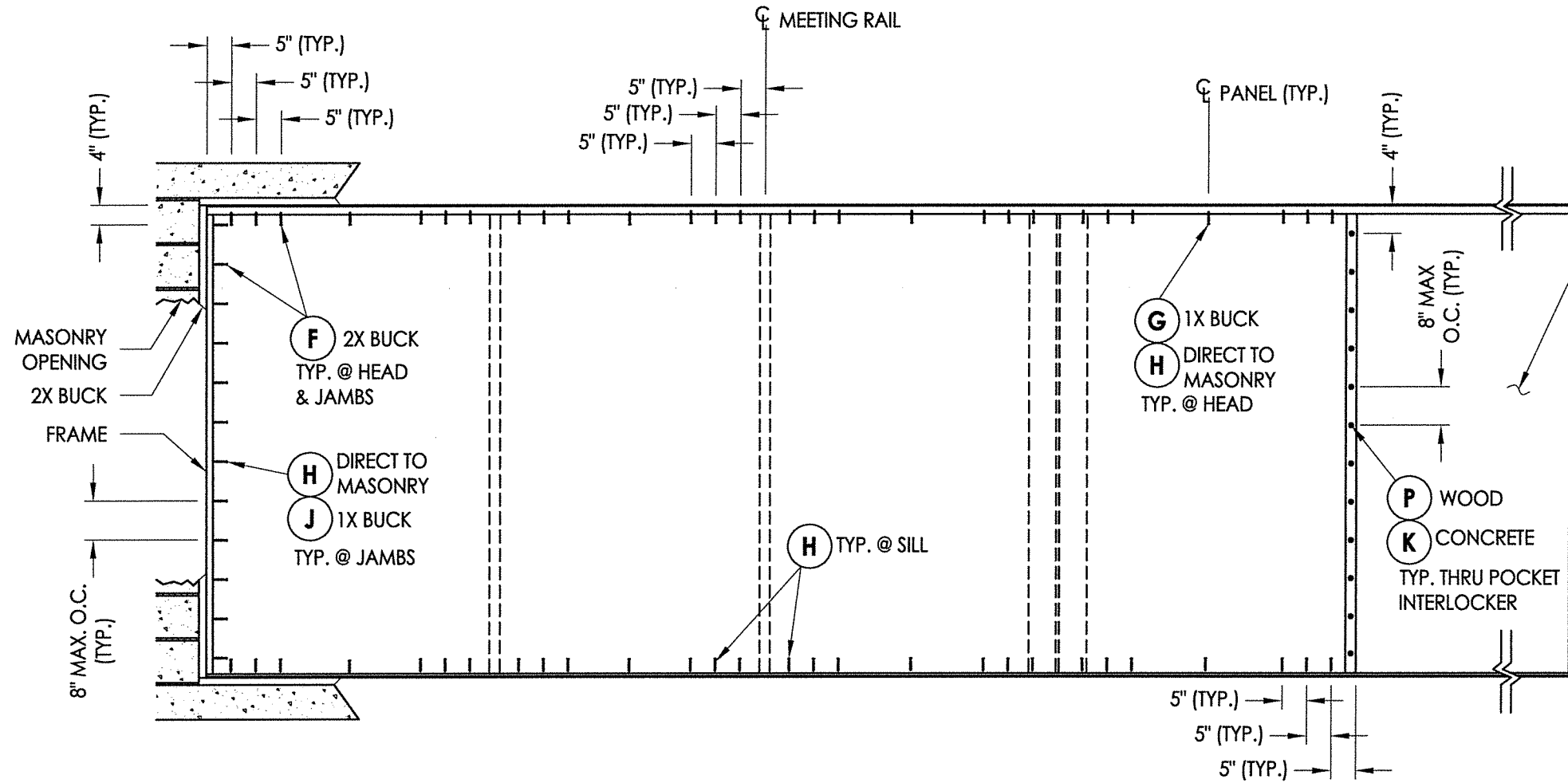
August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:
 FLEETWOOD WINDOWS & DOORS
 PART OR ASSEMBLY:
 BUCK ANCHORING

NO.	DATE	CHANGE NAME	BY
4	8/10/20	UPDATE TO 7TH ED. (2020) FBC	DAC
3	08/08/17	UPDATE TO 6TH ED. (2017) FBC	LFS
2	8/06/15	CLARIFY MAX PANEL SIZE & CHANGE NAME	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE: 3/20/14
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-15560.8
 SHEET 5 OF 9

\\dc01\pwb\clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.8-10.dwg



NOTE: Pocket door area by others

FRAME ANCHORING

SLIDING GLASS POCKET DOOR

(NOTE: 1 ANCHOR REQUIRED PER TRACK @ EACH LOCATION)

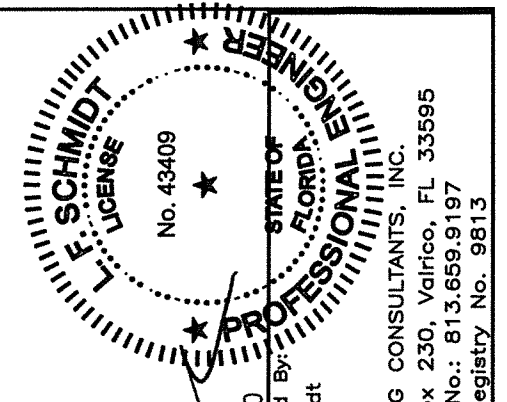
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	2"	1-7/8"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	6"

WOOD SCREW INSTALLATION NOTES:

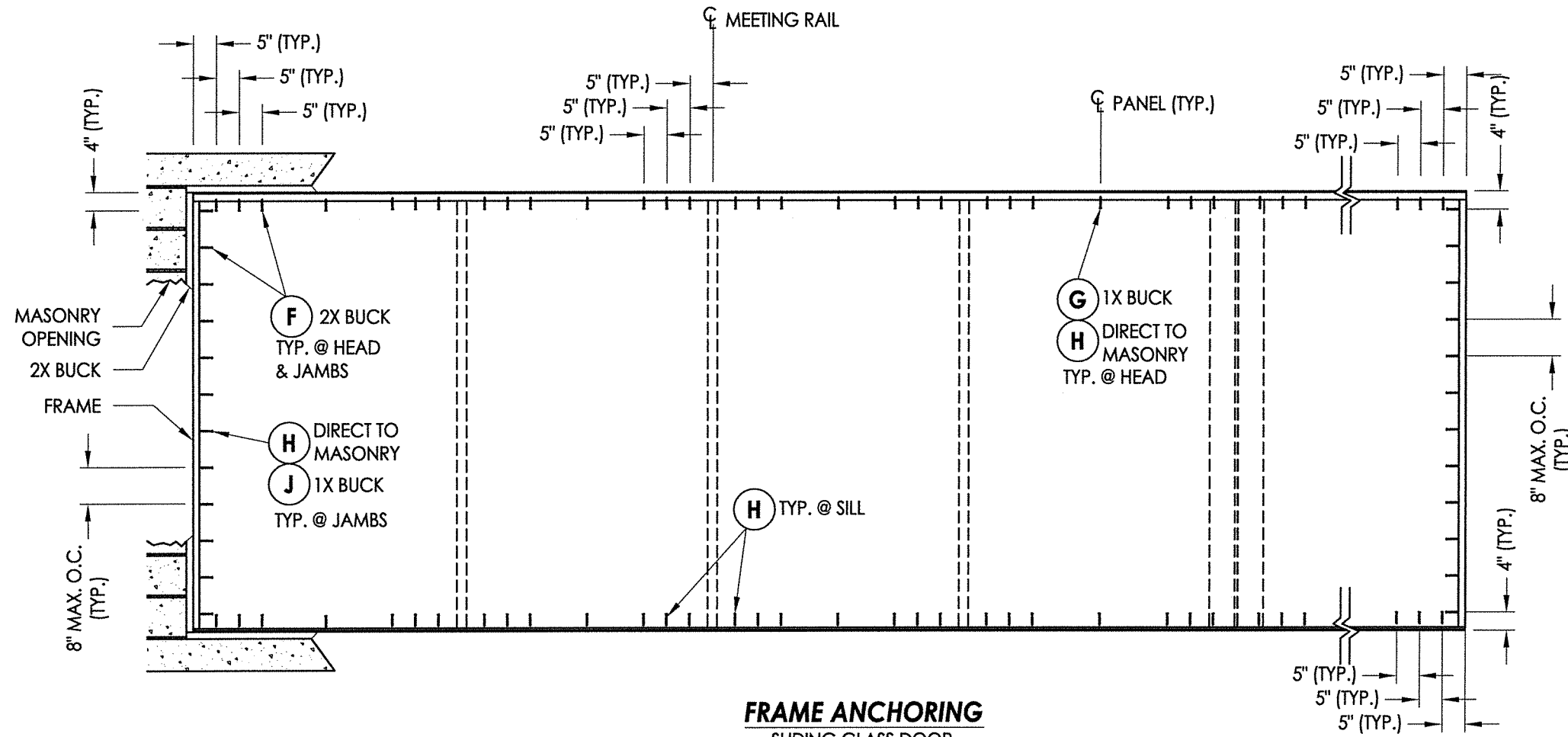
1. Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		FRAME ANCHORING	
NO.	DATE	BY	REVISIONS
4	8/10/20	DAC	UPDATE TO 7TH ED. (2020) FBC
3	08/08/17	LFS	UPDATE TO 6TH ED. (2017) FBC
2	8/06/15	JK	CLARIFY MAX PANEL SIZE & CHANGE NAME
1	04/22/15	JK	UPDATE TO 5TH ED. (2014) FBC
DATE: 3/20/14		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15560.8		SHEET 6 OF 9	



FRAME ANCHORING

SLIDING GLASS DOOR

(NOTE: 1 ANCHOR REQUIRED PER TRACK @ EACH LOCATION)

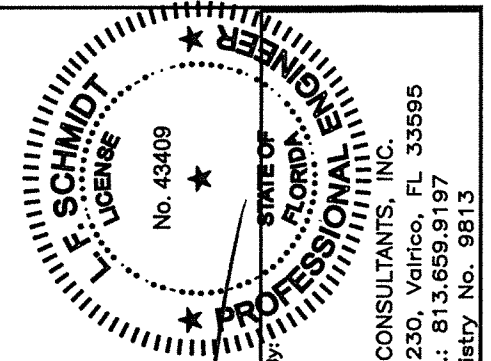
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	2"	1-7/8"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

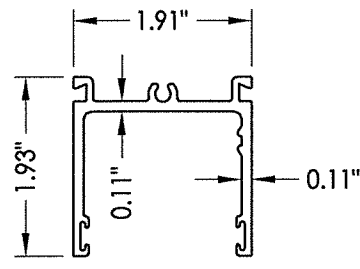


August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

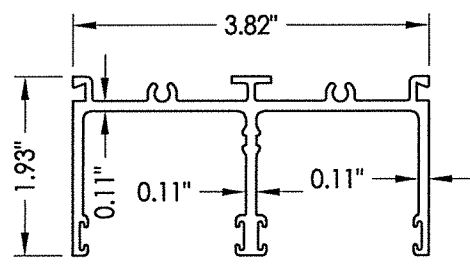
PRODUCT:	FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY:	FRAME ANCHORING

NO.	DATE	REVISIONS
4	8/10/20	UPDATE TO 7TH ED. (2020) FBC
3	08/08/17	UPDATE TO 6TH ED. (2017) FBC
2	8/06/15	CLARIFY MAX. PANEL SIZE & CHANGE NAME
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

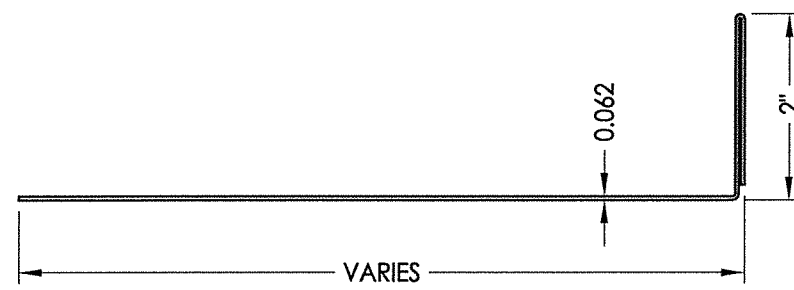
DATE:	3/20/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15560.8
SHEET	7 OF 9



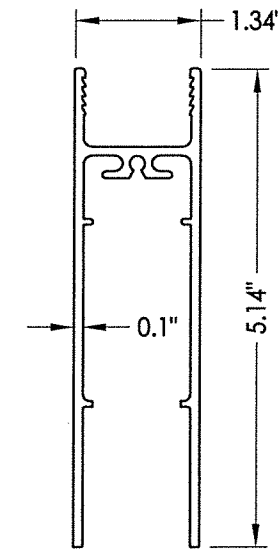
21 HEAD TRACK
1 Run



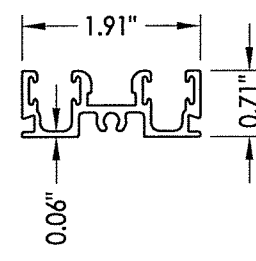
22 HEAD TRACK
2 Runs



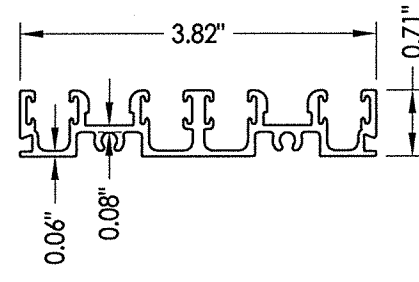
4 SILL PAN



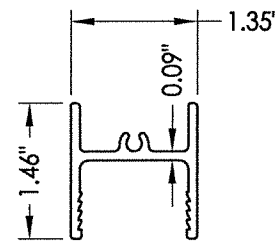
7 BOTTOM RAIL



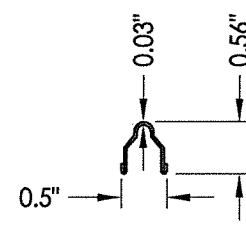
23 SILL TRACK
1 Run



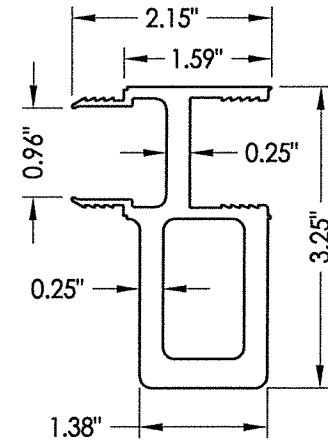
24 SILL TRACK
2 Runs



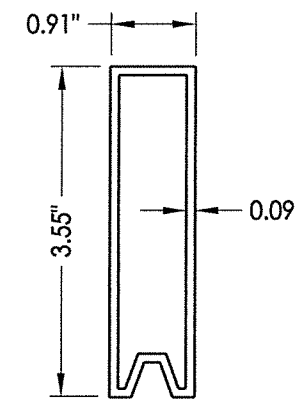
6 TOP RAIL



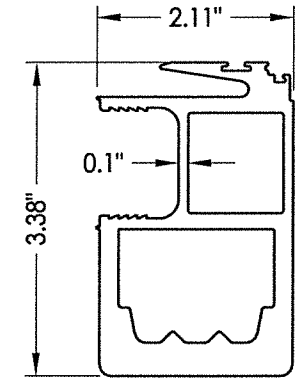
8 TRACK



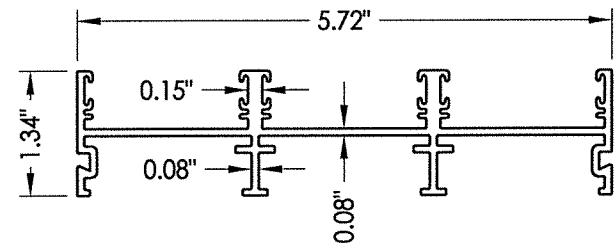
13 WINDLOAD ADAPTER



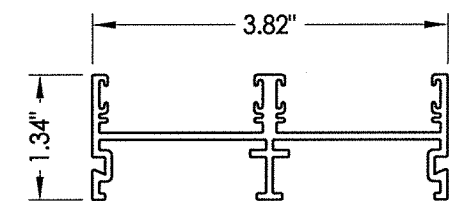
30 PANEL SETTING BLOCK



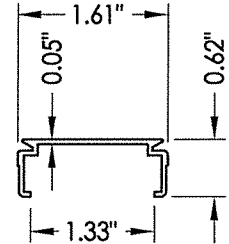
12 INTERLOCK STILE
High Performance



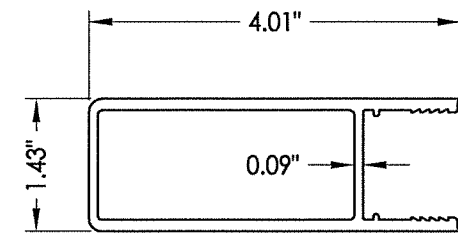
3 JAMB TRACK
3 Runs



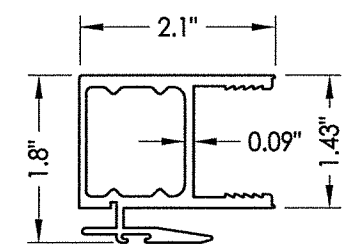
3A JAMB TRACK
2 Runs



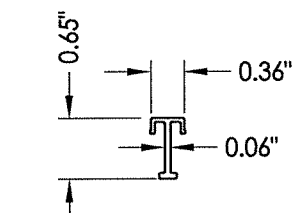
15 JAMB CHANNEL FILLER



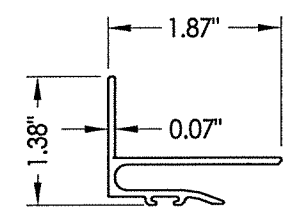
9 STILE



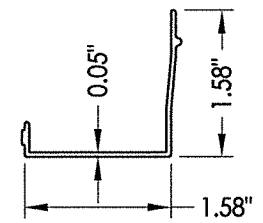
11 INTERLOCK STILE
Standard



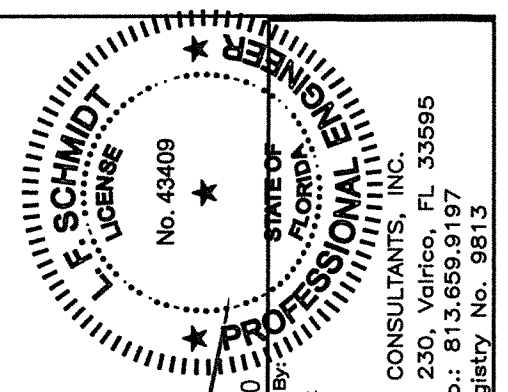
10 SILL CHANNEL FILLER



16 POCKET INTERLOCKER



5 HEAD CHANNEL FILLER

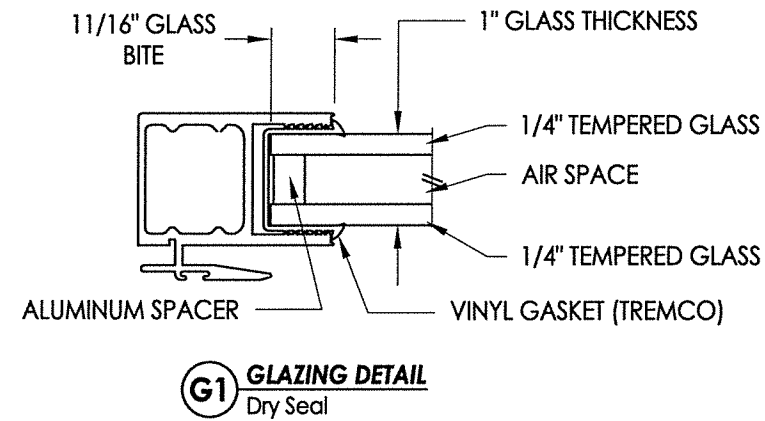


August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		COMPONENTS	
4	8/10/20	UPDATE TO 7th ED. (2020)	FBC
3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC
2	8/06/15	CLARIFY MAX PANEL SIZE &	JK
1	04/22/15	CHANGE NAME	JK
		UPDATE TO 5TH ED. (2014)	FBC
NO.	DATE	REVISIONS	
			BY
DATE:		3/20/14	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15560.8	
SHEET		8 OF 9	

BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH SMS (1" MIN. EMBEDMENT)	STEEL
G	3/16" X 2-3/4" ITW PFH CONCRETE SCREW	STEEL
H	3/16" X 2-1/4" ITW PFH CONCRETE SCREW	STEEL
J	3/16" X 3-1/4" ITW PFH CONCRETE SCREW	STEEL
K	1/4" X 1- 3/4" DeWALT PFH CONCRETE SCREW	STEEL
L	#8 X 1/2" PFH SMS	STEEL
P	#10 X 2" PFH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
3	JAMB TRACK (3 RUNS)	6063-T6 ALUM
3A	JAMB TRACK (2 RUNS)	6063-T6 ALUM
4	SILL PAN (TRIPLE RUN)	5052 -ALUM
5	HEAD CHANNEL FILLER	6063-T6 ALUM
6	TOP RAIL	6063-T6 ALUM
7	BOTTOM RAIL	6063-T6 ALUM
8	TRACK	S.S.
9	STILE	6063-T6 ALUM
10	SILL CHANNEL FILLER	6063-T6 ALUM
11	STANDARD INTERLOCK STILE	6063-T6 ALUM
12	HIGH PERFORMANCE INTERLOCK STILE	6063-T6 ALUM
13	WINDLOAD ADAPTER	6063-T6 ALUM
15	JAMB CHANNEL FILLER	6063-T6 ALUM
16	POCKET INTERLOCKER	6063-T6 ALUM
21	HEAD TRACK (1 RUN)	6063-T6 ALUM
22	HEAD TRACK (2 RUNS)	6063-T6 ALUM
23	SILL TRACK (1 RUN)	6063-T6 ALUM
24	SILL TRACK (2 RUNS)	6063-T6 ALUM
26	#8 X 3/4" PPH SMS	STEEL
27	PRIMARY LATCH	-
28	SECONDARY LATCH	-
29	HANDLE SET	-
30	PANEL SETTING BLOCK	6063-T6 ALUM
31	MAMMOTH ROLLER ASSEMBLY	-
32	CENTER-FIN WEATHERSEAL .290 HIGH PILE (AMESBURY 43629-270)	-
33	HEAVY DENSITY WEATHERSEAL .300 HIGH PILE (AMESBURY 413330-270)	-



August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		BILL OF MATERIALS AND GLAZING DETAILS	
4	8/10/20	UPDATE TO 7th ED. (2020) FBC	DAC
3	08/08/17	UPDATE TO 6TH ED. (2017) FBC	LFS
2	8/06/15	CLARIFY MAX PANEL SIZE &	JK
1	04/22/15	CHANGE NAME	JK
		UPDATE TO 5TH ED. (2014) FBC	BY
			REVISIONS
DATE:		3/20/14	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15560.8	
SHEET		9 OF 9	